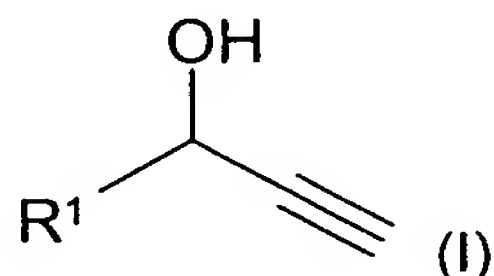


Method for producing a propargyl alcohol and an allyl alcohol

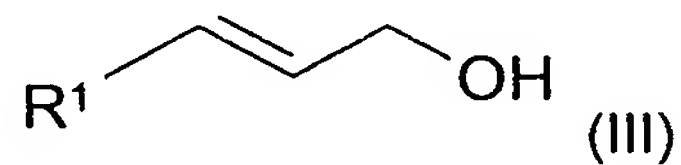
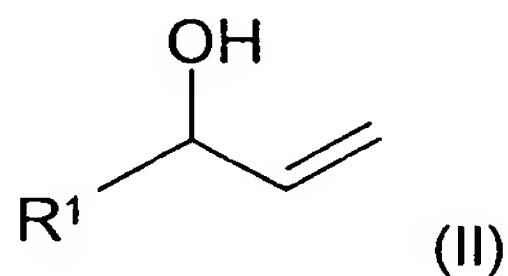
Abstract

- 5 Process for preparing a propargyl alcohol of the formula I



- 10 in which R¹ is a C₁₋₃₀-alkyl, C₃₋₈-cycloalkyl, C₂₋₂₀-alkoxyalkyl, C₆₋₁₄-aryl, C₇₋₂₀-alkoxyaryl, C₇₋₂₀-aralkyl, C₇₋₂₀-alkylaryl radical or H, by reacting a corresponding aldehyde of the formula R¹-CHO with acetylene in the presence of ammonia and a catalytic amount of an alkali metal hydroxide, alkaline earth metal hydroxide or alkali metal alkoxide in the range from 0.6 to 10 mol% based on the aldehyde used, and also

- 15 processes for preparing an allyl alcohol of the formulae II and III



starting from the propargyl alcohol I prepared in accordance with the invention.